SMELOVSKIY, V.P., dotsent; KUDRYAVTSEV, L.A.

Complications in the urinary tract during traumatic urethral strictures. Kaz. med. zhur. 4:25-27 J1-Ag 63 (MIRA 17:2)

1. Fakul'tetskaya khirurgicheskaya klinika (zav. - dotsent M.P.Makarov) Kuybyshevskogo meditsinskogo instituta i urologi-cheskoye otdeleniye (nauchnyy rukovoditel' - dotsent V.P. Smelovskiy) Kuytyshevskogo mezhoblastnogo gosnitalya dlya invalidov Otechestvennoy voyny (nachal'nik - V.P. Kolevatykh).

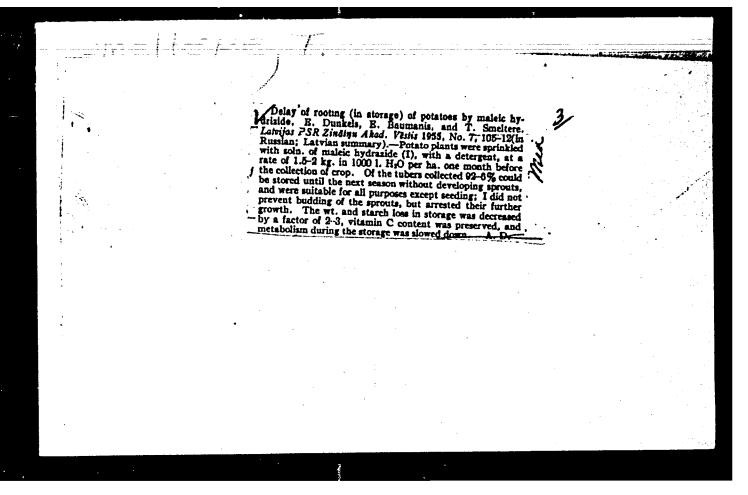
KUCHINSKIY,I.N.; PYTEL', A.Ya.; ZISMAN, I.F.; GOLIGORSKIY, S.D.; CHEBANYUK, G.M.; ZALEVSKIY, R.O.; RYABERSKIY, V.S.; DARBIKOV, A.F.; KHATAVNER, A.I.; SMELOVSKIY, V.P.; BALTER, M.A.

Abstracts. General problems in urology. Urinary bladder.
Urologiia 28 no.5:87-95 S-0*63 (MIRA 17:4)

SMELOVSKIY, V.P., dotsent

Fistulas of the upper segment of the female genital canal.
Akush. i gin. 39 no.3:23-28 My-Je'63 (MIRA 17:2)

1. Iz kliniki fakul'tetskoy khirurgii (zav. - prof. S.L. Libov) i akushersko-ginekologicheskoy kliniki (zav. - prof. I.T. Mil'chenko) Kuybyshevskogo meditsinskogo instituta.



```
SMELTERIS, Ya. [Smeiteris, J.], prepodavatel'

"New navigation tables" by V.Kondrashikhin. Reviewed by IA.
Smelteris. Mor. flot 23 no.4121 Ap '63. (MIRA 16:5)

1. Liyepayskoye morskoye uchilishche.
(Navigation-Tables)
(Kondrashikhin, V.)
```

DUDNIK, I.F.; SMELY, G.N.; STEPANOV, N.M. (Hoscow):

"Some results of experimental investigation of stability of cylindrical shells."

report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow, 29 Jan - 5 Feb 64.

ADCOCK, W.J.; SMELY, Jirio inz. [translator]

Mining operation mechanization and its development in Great Britain. Uhli 5 no.5:177-180 My '63.

1. Hlavni inzenyr mechanizace Narodni spravy uhelneho prumyslu, Londyn (for Adcock).

```
STEELY, V.

KW-12 B mine loader. p. 76 (Mechanisace, Fraha, Vol. 2, no. 2/3, Feb./Mar. 1953)

So: Monthly List of Fast European Accessions, (EEAL), LC, Vol. h, Mo. 6,
June 1955, Whel.
```

```
Fining machines, c. 634. (STREWIRLESTVI, Vol. 7, No. 3, aug 1957, Fraha, Szachoslovskin)

Wonthly List of Bast European Accessions (NEWL) 10, Vol. 6, No. 12, Dec 1957, Uncl.
```

CZECHOSLOVAKIA / Farm Animals. Honey Producing Bees.

U-11

Abs Jour

: Ref Zhur - Biologiya, No 16, 72236

Author

: Smely, V.

Title

: A New Insulating Material and Its Use in Bee-Keeping.

Orig Pub

: Vcelarstvi, 1956, 9, No 11, 166

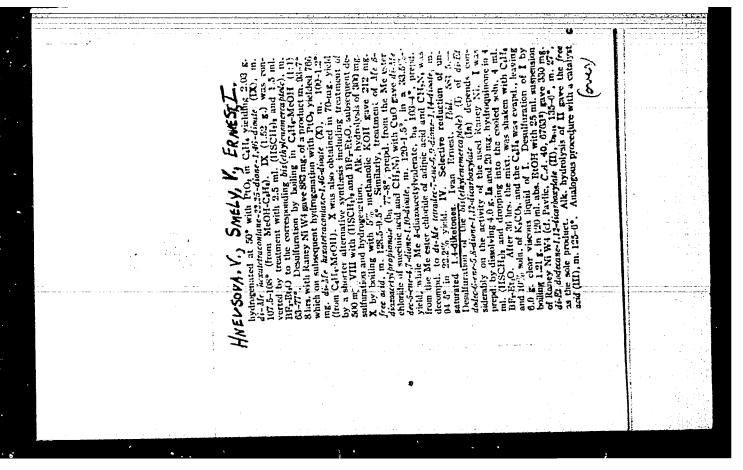
Abstract

A newly produced insulating material, polystyrene, contains 97 percent of air and three percent foam (by volume). Due to its lightness (1 m³ = 30-35 kg) and low heat conductivity (0.027), this material is suitable for the preparation of walls, bottom and other parts of the hive. It can be prepared with ease with the usual carpentry tools.

Card

: 1/1

- 82 ~



that has been deactivated by boiling 2 lim, with Me₂CO gave a fraction which was identified as a mixt. of 58% II and 41% of the corresponding meath, ester, probably di-Et dedec-6-ene-1,12-diearberylate (IV), characterized by coulometric analysis and by hydrogenation, yielding II. When a 12-lin, inactivation was used, desulfuration of 6.5 g. I gave a 960-mg, fraction, bo., 135-45°, which on alk, hydrolysis yielded crystals, m. 125-7°, probably of HO₁C-(CH₁)₁CF₁CH: CHCO(H₁)₁CO₂II, whereas a 6-lin, inactivated cutalyst produced a fraction, bo., 133-7°, apparently of IV, identified by hydrogenation which gave II and after alk, hydrolysis yielded III. A parallel expt. from 4.7 g. I gave a 1.18-g. fraction, bo.s. 124-7°, which was chromatographed on Al₂O₂ yielding by alk, hydrolysis of the ligroine chate 40 mg, cryst. dolec-6-ne-1,12-diearboxylic acid, m. 107-9°, confirmed by coulometric analysis. Attempts were made at overcoming difficulties encountered in the prepn. of unsatd, diratboxylic acids of the type RO₂C(CH₂)₂CO₂C(H₂). CO₃CH: CHCO(CH₂)₂CO₃R. (V) by prepg. adda. compds. of V with anthracene (VI), however, without auteons. unsatd, dicarboxylic acids of the type RO₂C(CH₂)₂COCH:
CHCO(CH₂)₂CO₂R (V) by prepg, addn. compds. of V with anthracene (VI), however, without success. The adduct of Is and VI obtained by heating 5 hrs. powd. mixt. of 3.6 g. VI with 6.8 g. V (n = 4, R = Rt) forms crystals, m. 185-4° (from cyclohexane-CaH₂), yielding on supon. crystals, m. 185-4° (from CaH₂-AcOH). Similarly was prepd. the adduct of di-Me vel-t-ene-3,6-dione-1,8-dicarboxylate with VI from 0.7 g. VI and 1.0 g. V (n = 2, R = Me), forming needles, m. 136.5° (from CaH₂), and yielding on supon. crystals m. 213-14° (decompn.) (from AcOH).

L. J. Urbánek

SMPIN, Z. I., BISTROV, V. M. and TUFORSKYI, I. A. (USSR)

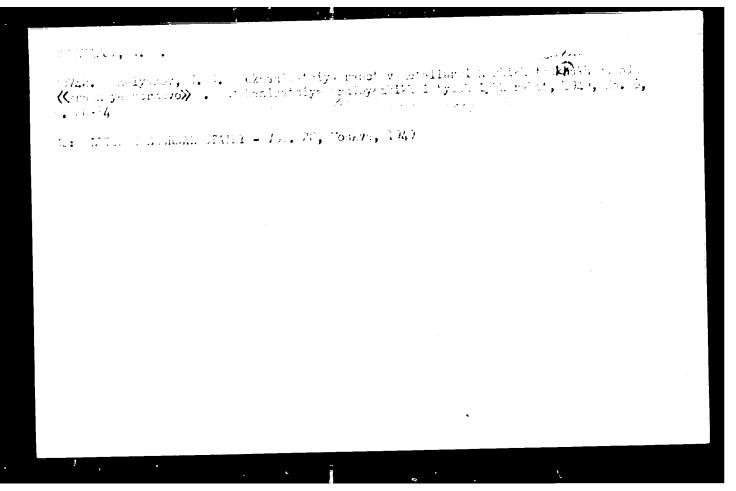
Vzaimodeistvie karboksil soderzhashchikh butadien-stirolnykh kauchukov s poliamidami i epsilon-kaprolaktamom Interaction of carboxyl-containing butadiene-styrene rubbers with polyamides and epsilon-caprolactam IUPAC S III: 224-35

report presented at the Intl. Symposium on Macromolecular Chemistry, Moscow, 14-18 June 1960.

SMELYAKOV, A.

Work is a basis for national prosperity. Sov. profsoluzy 13 no.3:28-29 F '62. (MIRA 15:3)

(Efficiency, Industrial)



SMELYAKOV, N. N. and N. F. KOSARIKOV.

Ispravlenie porokov otlivok. Moskva, Mashgiz, 1950. 221 p.

Repair of casting defects.

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

SMELYAKOV, N.H. [Production of castings with inserts] Isgotovlenie armirovannykh otlivok. Sverdlovek, Gos.nauchno-tekhn.isd-vo mashinostroit.lit-ry [Uralo-Sibirskoe

otd-nie] 1953.

190 p.

(Metal castings)

(MLRA 6:12)

KUZELEV, M.Ya.; SKVORTSOV, A.A.; SMELYAKOV, N.H. [authors]; OKUN', M.A. [reviewer].

Response to M.IA.Kuzelev's, A.A.Skvortsov's, and N.N.Smeliakov's book "Foundry master's manual." Reviewed by M.A.Ckun'. Kryl.rod. 4 no.8:

p.) of cover. Ag '53.

(Founding) (Kuzelev, M.IA.) (Skvortsov, A.A.) (Smeliakov, N.N.)

MUZELEY, Mikhail Yakovlevich; SEVORTSOV, Aleksey Anatol yevich; SMITTAKOV, Mikalem Mikalemmich; ZOBNIH, B.F., kandidat tekhnicheskikh mauk, retsensent; BORTSKIY, A.A., dotsent, otvetstvennyy redaktor; VOLFYANSKIY, L.M., inshener; redaktor; GINGEL!MAN, N.R., inshener, redaktor; ZAKHAROV, B.F., inshener, redaktor; ZAKHAROV, B.F., inshener, redaktor; KOKOVIMA, A.S., inshener, redaktor; ROZUMOVA, M.S., inshener, redaktor; RAZUMOVA, M.S., inshener, redaktor; SIDORBHKO, R.A., inshener, redaktor; ROZUMBERG, I.A., kandi-dat tekhnicheskikh mauk, redaktor; DUGIMA, M.A., tekhnicheskiy redaktor

[Foundry worker's handbook] Spravochnik rabochego-liteishchikm. Ind. 2-oe. dop. i perer. Moskva, Gos. nauchno-tekhn. isd-vo mashinostroit. lit-ry, 1956. 634 p. (MIRA 10:4) (Founding)

KINE! KAKELIN W. TO

PHASE I BOOK EXPLOITATION

399

- Noskov, Boris Alekseyevich, and Smelyakov, Nikolay Nikolayevich
- Konstruirovaniye litykh detaley (Design of Cast Parts) Kiyev, Mashgiz, 1957. 210 p. (Biblioteka konstruktora) 8,600 copies printed.
- Sponsoring Agency: Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Kiyevskaya oblastnaya organizatsiya.
- Reviewer: Ryzhikov, A. A., Doctor of Technical Sciences, Professor; Ed.: Soroka, M. S.; Tech. Ed.: Rudenskiy, Ya. V.
- PURPOSE: This book is designed as a manual for engineers, designers and technicians engaged in machine building. It may also be used by foundry engineers.
- COVERAGE: The authors stress the importance of castings in machine design. In this book they describe the elements of design of ferrous and nonferrous castings. A few chapters are devoted to various methods of casting such as investment precision casting, pressure casting, centrifugal casting,

Card 1/5

Design of Cast Parts 399	
Design of the Outer Contours of Castings Design of bosses and projections Draft on vertical walls Design of horizontal sections of castings Determinination of parting line Dimensioning of Drawings Tolerances and dimensional accuracy of castings Inner Contours of castings (use of cores) Allowances for machining Standardization	80 83 85 89 90 92 94 101 108 111
Ch. IV. General Rules for Designing Cast Parts	112
Ch. V. Design of castings	114
Ch. VI. Design of Gray Cast Iron Castings	121
Ch. VII. Design of Castings of Modified Cast Iron and Cast Iron Containing Spherical Graphite	130
Card 3/5	

sign of Cast Parts 399	
XVIII. Bimetal Castings	190
XIX. Considerations in Selecting Casting Methods	191
XX. Quality Control of Castings	196
XXI. Defects and Correction of Defects in Castings	201
nclusion	204
bliography	205
ILABLE: Library of Congress	
d 5/5 GO/VM 6-11-58	

reword I. Reinforcement of Castings Machanical cohesion of metals and their fusion Formation of intermediate zones due to the interaction of metals Solution of a high-melting metal in a low-melting metal Advantages of reinforced castings Localized hardening and increasing wear resistance Premention of brittle failure and corrosion Economy of scarce metals	3 5 6
. I. Reinforcement of Castings Machanical cohesion of metals and their fusion Formation of intermediate zones due to the interaction of metals Solution of a high-melting metal in a low-melting metal Advantages of reinforced castings Localized hardening and increasing wear resistance Premention of brittle failure and corrosion	5
Machanical cohesion of metals and their fusion Formation of intermediate zones due to the interaction of metals Solution of a high-melting metal in a low-melting metal Advantages of reinforced castings Localized hardening and increasing wear resistance Premention of brittle failure and corrosion	
Machanical cohesion of metals and their fusion Formation of intermediate zones due to the interaction of metals Solution of a high-melting metal in a low-melting metal Advantages of reinforced castings Localized hardening and increasing wear resistance Premention of brittle failure and corrosion	
Formation of intermediate zones due to the interaction of metals Solution of a high-melting metal in a low-melting metal Advantages of reinforced castings Localized hardening and increasing wear resistance Premention of brittle failure and corrosion	
Solution of a high-melting metal in a low-melting metal Advantages of reinforced castings Localized hardening and increasing wear resistance Premention of brittle failure and corrosion	10
Advantages of reinforced castings Localized hardening and increasing wear resistance Premention of brittle failure and corrosion	10
Localized hardening and increasing wear resistance Premention of brittle failure and corrosion	14
Premention of brittle failure and corrosion	14
	17
	19
Raising the quality of castings and reduction of rejects	20
improving producibility of castings	24
Reducing lawer input for machining and the cost of castings	27
Perfection of the method of producing castings	30
Obtaining new physical properties of castings	3 5 3 6
Applications for reinforced castings	36

einforced Castings SOV/1249	
h. II. Production of Reinforced Castings	52
Brake shoes and casting molds	52
Pulleys, wheels and flywheels	61
Turbine diaphragms and pistons	65
Parts of internal combustion engines	72
Cooling plates, electrode holders and frames	78
Two-layer rolls	82
Anvil blocks, hammer heads and other parts	86
Bimetallic parts and tools	97 123
Reinforcement in special types of casting	127
h. III. Defects in Reinforced Castings and How to Prevent Them	128
Defects in reinforced castings	128
Control of the quality of reinforced castings	130
h. IV. Design of Reinforced Castings	136
ard 3/h	

KUZELEV, Mikhail Yakovlevich; SKVGnTSOV, Aleksey Anatol yevich; SMEINAKOV, Nikolay Nikolayevich; DUBITSKIY, G.M., doktor tekhn. nauk, retsenzent; ZOBNIN, B.F., kand. tekhn. nauk, retsenzent; LEVCHENKO, P.V., kand. tekhn. nauk, retsenzent; MAKURIN, P.I., kand. tekhn. nauk, retsenzent; PORUCHIKOV, Yu.P., kand. tekhn. nauk, retsenzent; PORUCHIKOV, Yu.P., kand. tekhn. nauk, retsenzent; SERGEICHEV, N.F., kand. tekhn. nauk, retsenzent; SERGEICHEV, N.F., kand. tekhn. nauk, retsenzent; FILIPPOV, A.S., kand. tekhn. nauk, retsenzent; FILIPPOV, A.S., kand. tekhn. nauk, retsenzent; BAZAROVA, N.V., inzh., retsenzent; BLANK, E.M., inzh., retsenzent; VOLFYANSKIY, L.M., inzh., retsenzent; ZAKHAROV, B.P., inzh., retsenzent; MYSHALOV, S.V., inzh., retsenzent; RAZUMOVA, M.S., inzh., retsenzent; SHKUNDI, R.M., inzh., retsenzent; DUGINA, N.A., tekhn. red.

[Handbook of foundry practice] Spravochnik rabochegoliteishchika. ^Izd.3. Moskva, Mashgiz, 1961. 584 p. (MIRA 15:4) (Founding-Handbooks, manuals, etc.)

ACC NR: A: 700.2962 (A) SOURCE CODE: UR/0413/66/000/024/0041/0042

INVENTOR: Bushmin, M. Ye.; Smelyakov, V. V.; Mints, M. Ya.; Pungin, L. M., Tolstikov, V. F.

ORG: None

TITLE: A digital infrasonic phase-frequency meter. Class 21, No. 189485 [announced by the Kharkov Higher Master Engineering Academy (Khar'khovskoye vyssheye komandno-inzhenernoye uchilishche)]

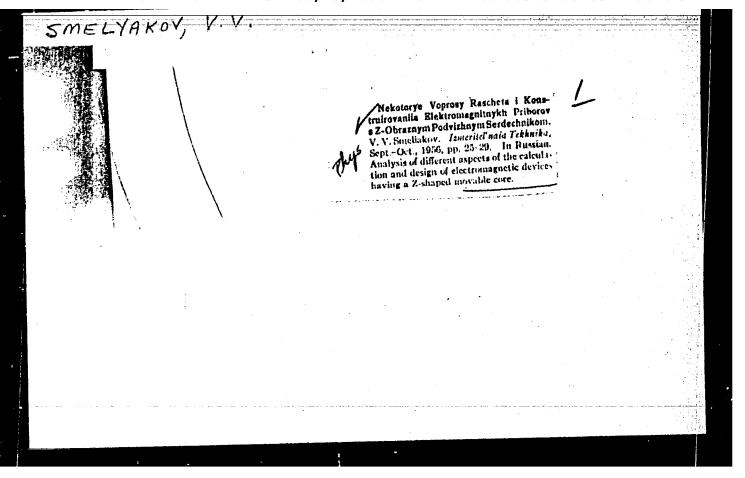
SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 24, 1966, 41-42

TOPIC TAGS: digital system, phase meter, frequency meter, logic element

ABSTRACT: This Author's Certificate introduces a digital infrasonic phase-frequency meter with intermediate time-pulse conversion containing a standard generator with output connected through controlled rectifiers to the inputs of addition and subtraction pulse counters, a shaping network and a registration unit. Measurement accuracy is improved and speed is increased by using a frequency divider connected to the input circuit of the subtraction counter in series with a controlled rectifier, together with a control unit based on logical elements and a reversible counter. One of the inputs of the control unit is connected to the shaping network, the other input is connected to the subtraction counter and the outputs are connected to the controlled rectifiers.

Card 1/2

UDC: 621.317.761:621.317.772



SMELYAKOV, YE. P

AID Nr. 979-5 29 May

DEEP DRAWING ON DROP HAMMERS (USSR)

Saparovskiy, S. V., and Ye. P. Smelyakov. Kuznechno-shtampovochnoye proizvodstvo, no. 4, Apr 1963, 25-27. S/182/63/000/004/004

The Kuybyshev Aviation Institute has developed a special hydraulic unit (see illustration) which makes it possible to use the "elastic die-rigid punch" method for deep drawing on drop hammers instead of presses. Elastic die 1 is placed into steel container 2, which is fastened to the drop hammer ram. For better elasticity and more uniform distribution of pressure exerted on the blank, the

Card 1/3

AID Mr. 979-5 29 May

DEEP DRAWING ON DROP HAMMERS [Cont'd] S/182/63/000/004/004/004

top part of the container is filled with water and a rubber bag filled with granulated rubber is placed into the bottom part of the container. The top part

AID_Nr._979-5 29 May

DHEP DRAWING ON DROP HAMMERS [Cont'd]

S/182/63/000/004/004/004

(with fluid) of the container is separated from the bottom part by a rubber diaphragm. Floating piston 8 placed within steel cylinder 3 carries studs 7. which pass through the cylinder lid 3, and carry holder 6, blank 13, and hold-down ring 12. Interchangeable punch 9 is fastened to lid 10. quired fluid pressure in cylinder 3 is maintained by means of spring valve 11 in distributor box 4. Accumulator 5 receives fluid from cylinder 3 during the deep-drawing process and returns it by means of compressed air. The deep-drawing process is completed by several strokes of the ram with the reduction obtained in a single draw controlled by the spring of valve 14. After completion of the deep-drawing process, accumulator 5 is filled with compressed air which, with valve 14 open, forces the fluid into cylinder 3 and moves the piston θ upward, removing the drawn part from the punch. Interchangeable tools (punch 9, holder 6, and ring 12) are made from case-hardened carbon steel for the deep drawing of duralumin, carbon steel, and alloy steel sheet 3 mm thick and heavier, and from zinc, wood, or plastic for the deep drawing of thinner gages. Experiments with hard-to-form materials were performed with preheating of the holder, blank, and ring. The method makes it possible to obtain draw ratios 8 to 10% higher than those in conventional dies.

Card 3/3-

SAPAROVSKIY, S.V.; SMELYAKOV, Ye.P.

New method of the deep drawing of parts on sheet-metal working hammers. Kuz.-shtam.proizv. 5 no.4:25-27 Ap '63.

(Deep drawing (Metalwork))

(Sheet metal working machinery)

SAFAROVSKIY, Sergey Vladimirovich, KOMAROV, Anatoliy Dmitriyevich; SMELYAKOV, Yevgeniv Petrovich; FARMANOVA, Viktoriya Wike layeres, Fir YEV, P.Ya., inzh. retsenzent; KOROBOV, V.K., kard, tekhn. nauk. retsenzent; RAZUMIKHIN, M.I., prof., red. PETROPOL'SKAYA, N.Ye., red. [Rubber pad forming] Shtampivka rezinoi. Kuibyshev,

Rubber pad forming) Saccassive, 1964. 106 p. (MIRA 18:7)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651420016-5

L 26272-66 EWP(k)/EWT(m)/EWA(d)/EWP(t) IJP(c) JH/JD/HW

ACC NR: AP6012612 SOURCE CODE: UR/0182/66/000/004/0023/0024

AUTHOR: Sorokin, I. N.; Saparovskiy, S. V.; Smelyakov, Ye. P.; Shil'meyster, B. D.

ORG: none

TITLE: Stretch forming of metal sheets with vibrations

SOURCE: Kuznechno-shtampovochnoye proizvodstvo, no. 4, 1966, 23-24

TOPIC TAGS: metal forming, sheet forming, stretch forming, vibration forming

ABSTRACT: The effect of vibration in stretch forming has been investigated in forming D16AM aluminum-alloy sheets (200 x 300 x 1 mm). Vibrations were applied either perpendicular to or in the direction of the stretching pressure. Perpendicular vibrations with a force of 110—355 kg, a frequency of 45—70 Hz, and an amplitude of 0.3—0.8 mm increased considerably the relative deformation at the same stretching pressure. The relative deformations achieved in the first four stretch forming steps were 7.0, 12.5, 15.5, and 17.0% without vibration and 11.0, 17.5, 15.5, and 26.0 with vibration. Vibration in the direction of stretching pressure at a frequency of 20—30 Hz and an amplitude of 0.09—0.22 mm had a similar effect. H increased the relative deformation in five steps from 7.5, 9.5, 12.0, 14.0, and 16.0% to 13.5, 16.0, 20.0, 24.0, and 27.0%. Thus, vibration increases the relative deformation and makes it possible to achieve the desired shape in fewer steps or to use a lower pressure to achieve the same relative deformation compared to Cord 1/2

U DOPI	AP6	Ç C V =		L- 22	∩¶. 0	rig. Bru	tion. Vipressure to has:				ultaneo he rela	usly tive [WW]	
leform	t10n	iro	· aitan	DATE:	none/	ORIG R	EF: 001/	ATD	PRESS: H	243			
SOB CO	DE:	13/	MQUB	DKID.			•						
												•	
						*			•••		•		
									,			• •	
										•			
											•		
						• •							
										•			

MOCHALOV, V.A.; MATYUSHCHENKO, D.D.; KRIVITSKIY, A.A.; GLEZER, G.N.;

OPARIN, I.M.; KHEYMAN, E.L.; SMETNEV, N.N.; EPSHTEYN, A.L.;

GUSEV, B.Ya.; LEYKIN, L.P., MARCHENKO, G.M.; PISHKOV, V.G.;

SAPROVSKIY, S.V.; LYAKHOVSKIY, I.I.; SMELYAKOV, Ye.P.; VAYNTRAUB,

D.A.; BUDYLIN, M.M.; NOTKIN, Ye.M.; KUR, G.Ye.; ARONSHTEYN, N.A.;

SUKHAREV, V.I.; VINOGRADOV, K.N.; BOBROVSKIY, N.S.

Innovators' certificates and patents. Mashinostroenie no. 2: 103-109 Mr-Ap '64. (MIRA 17:5)

ACC NR AR6031776

£ 050 (5.6)

SOURCE CODE: UR/0276/66/000/006/V017/V017

AUTHOR: Smelyakov, Ye. P.; Saparovskiy, S. V.; Kaluzhskiy, I. I.

TITLE: A study of the process of pulsed deep drawing with fold formation

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 6V115

REF SOURCE: Tr. Kafedry proiz-va letatel'n, apparatov. Kuybyshevsk. aviats. in-t, vyp. 20, ch. 2, 1965, 19-40

TOPIC TAGS: deep drawing, deformation, pulsed deep drawing

ABSTRACT: A method was developed for pulsed deep drawing with fold formation. With this method, the mechanical diagram of the deforming material is improved considerably by combining the drawing elements (without clamping) and by the intermittant application of pressure and the sizing of the flange after the latter loses its stability. It was found that the degree to which the flange is strengthened during one pulse may serve as a criteron for selection of the amount of the depth increase in drawing. The magnitude of the increment of the drawing depth for a single pulse can be calculated either from the derived formulas or by a graphic method of solving equations with a nomogram. Orig. art. has: 8 figures. Six references are given. [Translation of abstract]

UDC: 621.983.3 vibration forming /8 Card 1/1/CSUB CODE: 13/

ACC NR: AR7004883

SOURCE CODE: UR/0276/66/000/009/V021/V021

AUTHOR: Saparovskiy, S. V.; Smelyakov, Ye. P.; Kaluzhskiy, I. I.

TITLE: Study of the stepped cupping of parts using a sheet-stamping hammer in a special setup

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 9V144

REF SOURCE: Tr. Kafedry proiz-va letatel'n. apparatov. Kuybyshevsk. aviats. in-t, vyp. 20, ch. 2, 1965, 3-18

TOPIC TAGS: stepped extrusion, extrusion ratio, metal extrusion, buckling, bending, cupping

ABSTRACT: The process of cupping of each stage can be divided into bending and extrusion of the blank prior to the moment of buckling of the flange; extrusion with folds on the flange; and straightening of folds and moderate extrusion. The extrusion force is highest at the first stage; it is 30—40% lower than in conventional extrusion. Experimental data show that stepped cupping permits the use of an extrusion ratio 20—25% lower than that for conventional stamping. Intermittent loading also reduces

Card 1/2

UDC: 621, 983, 3, 001, 1

ACC NR: AR7004882

SOURCE CODE: UR/0276/66/000/009/V021/V021

AUTHOR: Smelyakov, Ye. P.

TITLE: Determination of force required for sizing the flange in extrusion with

folding

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 9V143

REF SOURCE: Tr. Kafedry proiz-va letatel'n. apparatov. Kuybyshevsk. aviats.

in-t, vyp. 20, ch. 2, 1965, 41-54

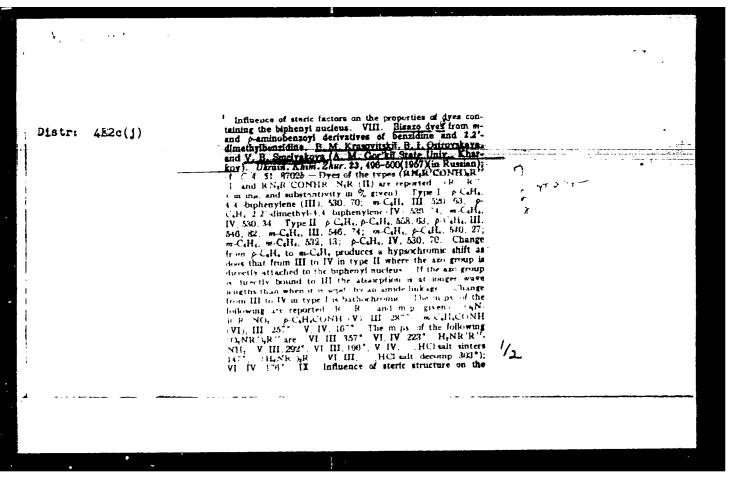
TOPIC TAGS: metal drawing, metal extrusion, force determination, flange sizing,

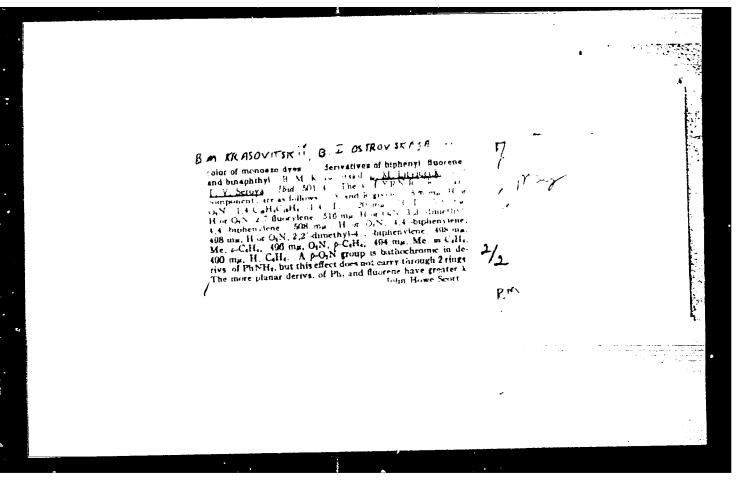
extrusion, folding, sizing

ABSTRACT: Calculation of the force required for sizing a flange is cited. As an initial condition it is assumed that all folds formed during production are cylindrical in shape. Monograms were plotted for facilitating the use of the results obtained. The monograms were verified experimentally by pulsed drawing with folding of sleeves 50 mm in diameter from D16AM. The tests have confirmed that the force for sizing the flange calculated from monograms insures a normal extrusion process. Orig. art. has: 6 figures and a bibliography of 5 reference items. S. Shirman. [Translation of abstract]

Card 1/1 SUB CODE: 13/

UDC: 621, 983, 3, 001, 1





KRASOVITSKIY, B.M.; SMELYAKOVA, V.B.

Partial reduction of 4, 4'-dimitrobenzanilide. Zhur.VKHO 6 no.5:588 '61. (MIRA 14:10)

 Khar'kovskiy gosudarstvennyy universitet imeni A.M.Gor'kogo. (Benzanilide)

KRASOVITSKIY, B.M.; SMELYAKOVA, V.B.

Relationship between the structure and properties of dyes, derivatives of benzanilide. Part 3: Lisazo dyes from 4,4'-diamino derivatives of phenylacet anilide and of benzoic benzylamide. Zhur.ob.khim. 31 no.7:2256-2259 J1 '61'. (MIRA 1417)

1. Khar'kovskiy gosudarstvennyy iniversitet imeni A.M. Gor'kogo. (Benzanilide) (Aso dyes) (Acetanilide)

EWT(m)/EPF(c)/T/EWP(j) L 12908-65 ASD(a)-5/BSD/ESD(gs)/ESD(t) RM/JW

RPL/AFWL/APGC(b)/AS(mp)-2/ Pc-4/Pr-4

ACCESSION NR: AP4047177

8/0051/64/017/004/0558/0564

AUTHORS: Krasovitskiy, B. M.; Smelyakova, V. B.; Nurmukhametov, R. M.

TITLE: Absorption and fluorescence spectra of certain azomethine derivatives of benzidine and its 2,2' and 3,3' dichlorosubstitutes

SOURCE: Optika i spektroskopiya, v. 17, no. 4, 1964, 558-564

TOPIC TAGS: absorption spectrum, fluorescence spectrum, benzidine

ABSTRACT: For comparison with similar tests on salicylal aniline and its derivatives (DAN SSSR v. 143, 1145, 1962; ZhFKh v. 37, 2432, 1963), the authors investigated the absorption spectra of the condensation products of aniline, ortho-, meta-chloranilines, benzidine, and its 2,2' and 2,2' dichloroderivatives with salicylic and 2-oxy-1-naphthoic aldehydes in dimethylformamide, and the fluorescence spectra of frozen solutions (77K) of these substances in the same solvent. The doubling of the salicylal aniline molecule causes

1/3 Card

L 12908-65 ACCESSION NR: AP4047177

a bathochromic shift of the absorption and fluorescence bands, evidencing appreciable conjugation between the two halves of the disalicylal benzidine molecule. Disalicylal benzidine and its 3,3° dichloroderivative differ very little in their absorption spectra; their fluorescence spectra are also of like character, but the fluorescence intensity of the latter is much larger than that of the former. At the same time, the absorption and fluorescence bands of 2,2' dichloroderivative of disalicylal benzidine are less intense, owing to the spatial difficulties in the grouping of the biphenyl, and are shifted towards the short-wave end of the spectrum compared with the disalicylal-benzidine and disalicylal-3,3'-dichlorobenzidine. The rules characteristic of the derivative of salicylic aldehyde hold true also for the absorption and fluorescence spectra of the products of condensation of the foregoing amines with 2-oxy-1-naphthaldehyde. Plots of the various spectra and of the time variation of the fluorescence intensity are presented. The azomethine derivatives of the diamines of the benzidine series are

Card 2/3

L 12908-55

ACCESSION NR: AP4047177

shown to be more immune to radiation and exhibit stronger light absorption and fluorescence than their "halves" with shorter chains of conjugated double bonds A table of the melting temperatures, analyses, and yields of the various substances is presented. Orig. art. has: 10 figures and 1 table.

ASSOCIATION: None

SUBMITTED: 23Sep63

ENCL: 00

SUB CODE: OP

NR REF SOV: 004

OTHER: 007

Card 3/3

AUTHOR:

Smel/an, G.

SOV/25-58-12-23/40

TITLE:

Automatic Engineer (Mashinist-avtomat)

PERIODICAL: Nauka i zhizn', 1958, Nr 12, p 65 (USSR)

ABSTRACT:

Cybernetic engineering has already proved the possibility of designing automatic machine replacing the functions of human brain. In this category belong the first "Automatic Engineer" constructed by Soviet scientists and engineers. This device, a small specialized computing machine, governs the operation of trains without the presence of men. The new cybernetic machine was tested on the Mos-

cow-Kuybyshev railroad.

Card 1/1

FAYNBERG, G.S., inzh.; SMELYANETS, S.G., inzh.; OKUSOK, A.A., inzh.

Planning power supply for mines and pits under construction. Shakht.stroi. 8 no.1:5-9 Ja '64. (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii i mekhanizatsii shakhtnogo stroitel'stva.

TOLUB, P.I., inzh.

Industrial testing of the ONK-10 equipment. Shakht. stroi.
9 no.7:27-28 Jl '65. (MIRA 18:10)

1. Vaesoyuznyy nauchno-isaledovatel'skiy institut organizatsii
i mekhanizatsii shakhtnogo stroitel'stva.

VOYEVODIN, A.V., kand. sel'skokhoz. nauk, KUDEL!, K.Ye., nauchnyy sotrudnik;

MURAROVA, O.I.; NIBYT, V.A.; TARASENKO, I.M., kand. biolog. nauk;

SMELYANETS, V.P.; PALASKAS, D.N.; KOROBATOV, V.A., starshiy nauchnyy

sotrudnik, BORDUKOVA, M.; KACHAYEVA, V., semenovod; GLINKA, Ye., agronom;

SHEVCHENKO, A.B., aspirant; BOCHAROV, K., GLEBOV, M.A., kand. ekonom.

nauk

Results of herbicide testing. Zashoh. rast. ot vred. i bol. 9 no.7:23-26 '64. (MIRA 18:2)

1. Vsesoyuznyy institut zashchity rasteniy (for Voyevodin). 2. Ukrainskiy nauchno-issledovatel'skiy institut zashchity rasteniy (for Kudel', Smelyanets). 3. Nachal'nik Kiyevskoy oblastnoy stantsii zashchity rasteniy (for Murarova). 4. Zaveduyushchiy Mironovskim punktom signalizatsii (for Nibyt). 5. Nizhnedneprovskaya stantsiya obleseniya peskov i vinogradarstva na peskakh, TSuryupinsk, Khersonskoy oblasti (for Tarasenko). 6. Zaveduyushchiy Kokandskim nablyudatelinym punktom, Ferganskoy oblasti (for Palaskas). 7. Azerbaydzhanskiy nauchno-issledovatel'skiy institut khlopkovodstva, Kirovabad (for Korobatov). 8. Zaveduyushchiy Moskovskoy kartofel'noy toksikologicheskoy laboratoriyey (for Bordukova). 9. Sovkhoz "Voskresenskiy", Moskovskoy oblasti (for Kachayeva). 10. Moskovskaya kartofel'naya toksikologicheskaya laboratoriya (for Glinka). ll. Ukrainskiy institut rasteniyevodstva, selektsii i genetiki imeni V.Ya. Yur'yeva (for Shevchenko). 12. Nachal'nik Kurskoy stantsii zashchity rasteniy (for Bocharcv).

"APPROVED FOR RELEASE: 08/25/2000 CIA-R

CIA-RDP86-00513R001651420016-5

ACC NR: AT7005806

(A,N)

SOURCE CODE: UR/0000/66/000/000/0078/0084

AUTHORS: Troyanskiy, V. B.; Smelyanskaya, A. V.

ORG: none

TITLE: Solution of one-group critical problems by the wave method

SOURCE: Moscow. Inzhenerno-fizicheskiy institut. Inzhenerno-fizicheskiye voprosy yadernykh reaktorov (Problems of nuclear reactor engineering and physics); sbornik statey. Moscow, Atomizdat, 1966, 78-84

TOPIC TAGS: nuclear reactor, transport equation, breeder reactor

ABSTRACT: The critical dimensions of reactors of several different geometries are found using the general solution of the one-group transport kinetic equation in the breeder material. The Fourier integral expansion of the general solution is of the form

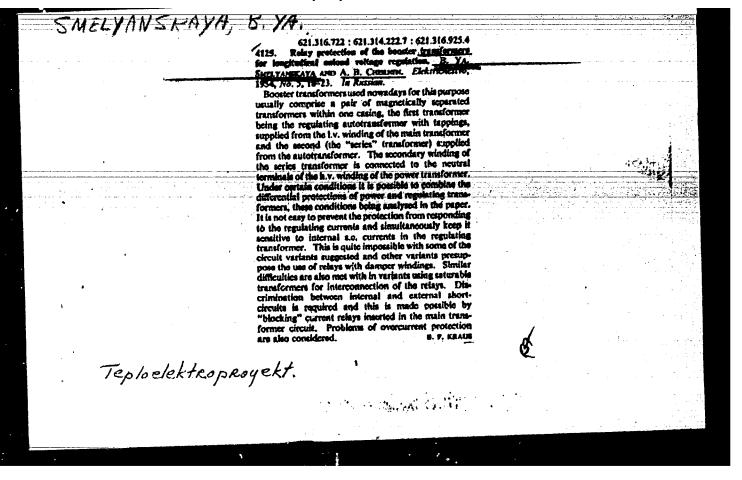
where $x_1 = \frac{x}{\Sigma_{tr}}$ is the dimensionless material parameter of the breeder material determined by the characteristic equation

$$\frac{x_1}{\arctan x_1} = c_1; \quad c_1 = \frac{v_f \sum_f + \sum_s (1 - \overline{\mu})}{\sum_{f'}} > 1,$$

Card 1/2

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651420016-5



AUTHORS:

Smelyanskaya, B. Ya., Engineer. Fabrikant, 105-58-4-24/37

Ye. M. Engineer

TITLE:

Conference for the Checking of the Proposed Directives for Relay Protection (Soveshchaniye po rassmotreniyu

proyekta rukovodyashchikh ukazaniy po releynoy zashchite)

PERIODICAL:

Elektrichestvo, 1958, Nr 4, pp. 83-84 (USSR)

ABSTRACT:

In December 1957 in Moscow a conference took place for the evaluation of the proposed directions for relay prometection of station and substation elements. The project had been worked out by the "Teploelektroproyekt" Institute. The conference was called by the Department for Relay Protection at the Commission for Long Distance Transmission of the ENIN imeni Krzhizhanovskiy of the AS USSR and by the MONTOEP (Moscow Branch of the All-Union Scientific Technical Society of Power Engineering Industry). Representatives of the power engineering systems, of scientific research and training institutes, of projecting organizations and many others took part in it. Professor A M. Fedoseyev, Doctor of Technical Sciences, said in his in-

Card 1/3

Conference for the Checking of the Proposed Directives 105-58-4-24/37 for kelay Protection

Ustinov discussed a number of problems in connection with the organization of the publication of these directions and showed problems in the field of relay protection. I. A. Syromyatnikov evaluated the general state of relay protection in the USSR.

AVAILABLE: Library of Congress

1. Relay protection-Directives-Conference

Card 3/3

LOSEV, S.B.; SMELYANSKAYA, B.Ya.; FEDOSEYEV, A.M., prof., doktor tekhn. nauk, red.; LZPESHINSKAYA, Ye.V., red.; AKHLAMOV, S.N., tekhn. red.

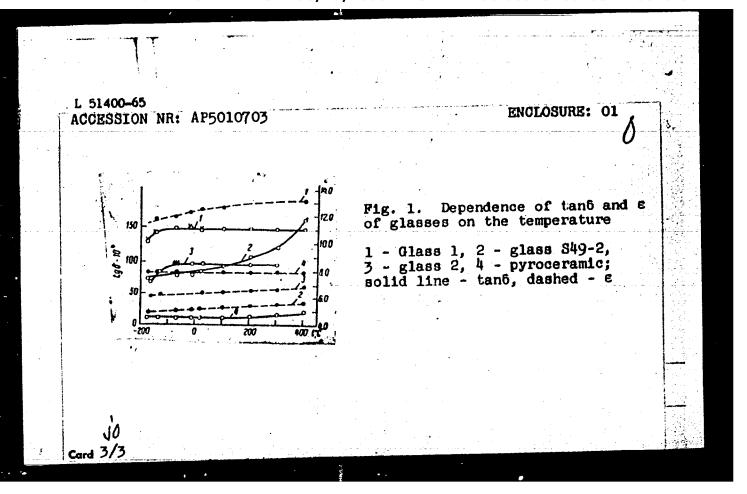
[International electrical engineering dictionary] Meshdunarodnyi elektrotekhnicheskii slovar. Izd.2. Moskva, Gos.izd-vo fiziko-matem.lit-ry. Group 16. [Relay protection] Releinsia sashchita. (MIRA 13:5) 1960. 114 p.

1. International Electrotechnical Commission.
(Dictionaries, Polyglot) (Electric relays--Dictionaries)

L 9828-66 ; E.IA(h) ACC NR: AP6003970 AUTHOR: Sarkisov, M. A.; Rokotyan, S. S.; Uspenskiy, B. S.; Sharov, A. N.; Zhulin, J. V.; Fedoseyev, A. M.; Koroley, M. A.; Kheyfita, M. E.; Yermolenko, V. M.; Petrov, S. Ya.; Azar'yev, D. I.; Krikunchik, A. B.; Polyakev, I. P.; Sazonov, V. I.; Khvoshchinskaya, Z. G.; Kartsev, V. L.; Smelyanskaya, B. Ya.; Kozhin, A. N.; Losev, S. B.; Dorodnova, T. N.; Rubinchik, V. A.; Smirnov, E. P.; Rudman, A. A.	i
ORG: none TITLE: Abram Borisovich Chernin SOURCE: Elektricheskiye stantsii, no. 5, 1965, 93 TOPIC TAGS: electric engineering, electric engineering, personnel ABSTRACT: An engineer since 1929, A. B. Chernin has worked for years in developing new techniques and equipment for relay protection/of electric power systems. In new techniques and equipment for relay protection/of electric power systems. In this 60th birthday tribute, he is credited with leading the group which produced this 60th birthday tribute, he is credited with leading the group which produced the directives on relay protection, contributing to the development of a method for the directives on relay protection, contributing to the development of a method for calculating transient processes in long distance 400-500 kv power transmission line and with aiding in planning of the electric portions of power stations, substations and with aiding in planning of the electric portions of power stations, substations and power systems. The results of his engineering and scientific work have been published 46 times, he is a doctor of technical sciences (since 1963), and has published 46 times, he is a doctor of technical sciences (since 1963), and has substants for 30 years at the Moscow Power Institute. Orig. art. has: 1 figure. SUB CODE: 09 / SUEM DATE: none	8
HW.	
Cord 1/1 2:	

EWT(1)/EPA(s)-2/EWT(m)/EWP(e)/EWP(i)/EEC(t)/EWP(b) 51400-65 IJP(c) GG/WH UR/0181/65/007/004/1008/1011 ACCESSION NR: AP5010703 AUTHOR: Mashkovich, M. D.; Smelyanskaya, E. N. TITLE: Concerning the nature of dielectric losses in glasses at microwave frequencies SOURCE: Fizika tverdogo tela, v. 7, no. 4, 1965, 1008-1011 TOPIC TAGS: alkali free glass, dielectric loss, dielectric constant, solid dielectric, microwave loss ABSTRACT: Apparatus is described for the measurement of the dielectric constant and the tangent of the dielectric loss angle of a solid dielectric at 3 cm wavelength in the temperature interval 100--300K. The measurements were made by a cavity method at a Hol load by determining the change in the Q and in the resonant length of the cavity upon introduction of the sample. The cavity was excited from a type 51I generator through a coupling aperture, and the indicator was a galvancmeter. The linear dimensions of the cavity were varied with a micrometric screw and measured with a micrometer scale. Typical results are shown in Fig. 1 of the Enclosure, and indicate that the dielectric losses in alkali-free glasses have a Card 1/3

reason #*					<u>-</u>			
•								
L 51400-65		in the second of	Commence of the second control of the second	مواسد د د د			فالدائد مهيون عاماء	71
ACCESSION NR: AP501	.0703			:				/
resonant character at table.						and a		11.5
ASSOCIATION: Nauchno (Scientific Research	Institute of	L'skiy inst Electrova	titut ele ruum Glas	ektrov ss)	•			1 - 2 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3
SUBMITTED: 19Aug64		ENCL:	01	•	SUB (CODE:	em, kt	
						A 10		H 78
NR REF SOV: 003		OTHER:	005	$\int_{\mathbb{R}^{n}}$				
NR REF SOV: 003		OTHER:	005					
NR REF SOV: 003		OTHER:	005					



SMELYANSKAYA,G.A.; KOYPMAN,B.Ye.; SOKOVA,O.A.; GORONOVICH,D.I.

Field method for testing corundum ores of the Semiz-Bugu deposit.

Sov.geol. no.21:102-107 '47. (MERA 8:8)

(Semiz-Bugu region--Corundum)

- 1. SPELLYANSKAYA, M.
- 2. USSE (400)
- 4. Labor and Laboring Classes Medical Care
- 7. Sanitorium at the factory. Sov.zhen No. 1 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

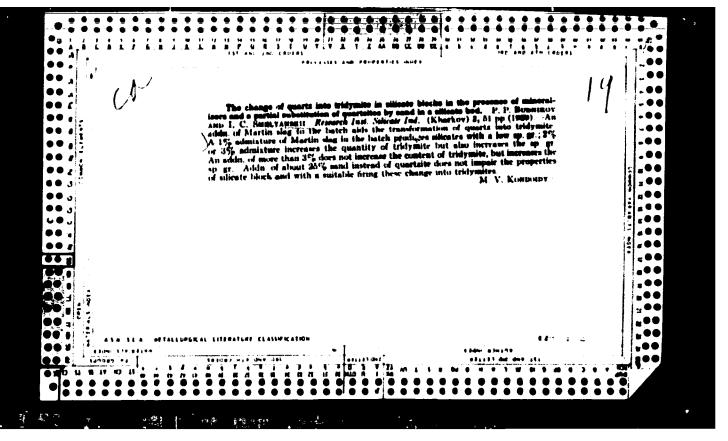
		5 m	٤	/	A	,4,4 C	4	· /	_À				.2	ŗ				5	- -	H	in the	-	%	: :S	57	4	1	S	2	122		å i	į į	; 1	1	13 pt 2		
of The Carlo	(pachenia	or Articles)		olet M. (Sorthern Mrth. Bornha) Chief M. (Sorthern Mythick beharenly) of Pallimine Boune: M.S. Bornha) Donth M.M. Collin, S.D. Jahlarally and Pallimine Million (M. 1998) And Collins (M. 1998) And Co	al famous	Lange Call	CONTRACT. This book contains reports made by vorters of machine and institute Contraction. Said book contains the contract in the contract to	of the Kry Backy	repres (Scientific	of ordinari.	Contract, A.O.		e streets	(Jecan	atm on Automotic		eturing Balta	page Problems in the Operation or environment of the Ballion (H.H. Onl'the)	مناهر مري	Instant)	re hale of Barden	CLATING Treator	, Line	okali (Ale	**************************************	rearise (Ta.A.	(0.A. 5yyza. 1.P.		TOTAL PER PRAILIF	Bearinestal Staty of Rytralis Copying Systems at Eigh Serve Sectionism Sys	sers of Rydreslie Mechanic			O. Parelland				
rioritation stongship	choc-temnisheshoys obshchestvo meninostriitsi mi mi marandi ma	maisstelys 1 swimmittakelys v manhisostroyesit; (shormit press/class) maiss and Aminomition is benchiso beauthertraine; Collection of Articles) maissing and Aminomition is benchiso beauther or an articles of the collection of th	mentag Agency: Banchan-takantheaboys chalchestvo priborestrukat mentag Agency: Britaladinys respublikanthys previousys.	H.M. (Southern Di. H.M. Oul'to, 5.5) Payaerami, Ye.M.	Le and sechalosi	THE THE NAME IS LEGARATED THE SECTION OF SCIENTIFIC PRODUCTS AND SECURITIES AND S	y workers of mach	ochaten Continued of production pro-	Machine-Nastifacto	Mancarteriad International	L.I. Greben, 6.1	IXIS, and A.M. Yes	res of the Vortila	(ANTAL ALA) sealthes MAINTE	the Chemplag Mother	Improving the Operational Commissions Latters (L.Ta. Lopata)	. Line for Easts		handsetent Precesses for Automatic Single-spindle	(Bair, Argument).	and the Pethadiogical Cycle for Origing Piece Parts Hale of Barts	Passes Process	meanagention and Artemetica of the Touristics, A.5, Engrantity, Spites of Linear (V.L. Risectalies, S.I. Boalet, A.5, Engrantity)	ne or tydrmile Serve Drives on Preliminary Dis-Perging Equipment (5,25,	maries)	TOUR PROMISE OF Probabilities Processes in Machine Mamifurtaries (Tauly, Propensing of Perhapsing Contracting of Probabilities (Tauly, Contracting of Probabili	Programme of the Company	Problems of Construction and Use as sive. Evertalishing	Present State and Prospects for the Development of Epitoditives and Epitodism measuring in Benjacrich)	g Systems at Elds	na ita Elemento ef		(Line Barry)	entimed Control of Thread Discontions (G.G. publication)	paragraphics of Out-of-residence of Children and Periods	Line of the Teach of the second and the section of the section of the section (3.4, policy)		
NOITYLIGHAM WOR I STYLL	heatwo machinostif	alys w meshinostrumenting the secretary section to the secretary section to the s	temperators of	B. Boreta; Chief Baltorial Board:		A STATE OF THE STA	A control and a control	Scientific and T	I TO THE PART OF THE	of the lateral	al operations, and	Photo M.G. Moses	On and Drive Black	or mortherettia	100000000000000000000000000000000000000		n Jetonatio and S		Magical Processes	grands-fred Oris	logical Cycle for	21	Persessor, 8.1. No	eine m Prelisia	section and Arricanal	todies Processes			spects for the Dev Reservedneture (Ye.3)	Sylvenite Coprise		Op Constant Massalinis of Mala William (6.1. Period)	atts Barter for Ball Bearing Rings (V.V. Horur)	med Control of the	magnetics of Ort-o	d Sectors (3.4. 2		
	haicheskoys Obshel ye oblastadys pre	ilys 1 orthogetical managed 1959.	Agency: Barelon	Manual Ma	1 :: Dr. 60		This book south	1 10 24 12 12 12 12 12 12 12 12 12 12 12 12 12	ters and Pochale	derical Myleton	locted and series	PALLO, V. L. Money	The set in a	inchestic heckines (Life Original)		(L.Te. Lopete)	to preliag Solut	(K.K. Oc.) 10	or Pleasing South	(a.t. Arterior)	in at the Pother	V. N. Mithal Partie	parties and Arbeits ; Liners (V.L. E.	cydralile Barve		Target to separate	ere (ch	Linkstel	eart State and Pro-	gigmental Study of	, Degrader)	I. Verden)	matte Barter for	mette Mifferentie	T CALLES TO	Legisland Class	-	
25(5)	Manchas - tak			7 1		Ü				11	To de la constante de la const		to the party of th	1			Treat,	11	1	1		1		1	Ž.		a	ĒĒ	į į		31	83	-	1	1:	112	,	
	[<u>.</u>			- 4-						•			·	.	٠,	. حضي ک					•											- ;				
		_														17, 104				±		. •																

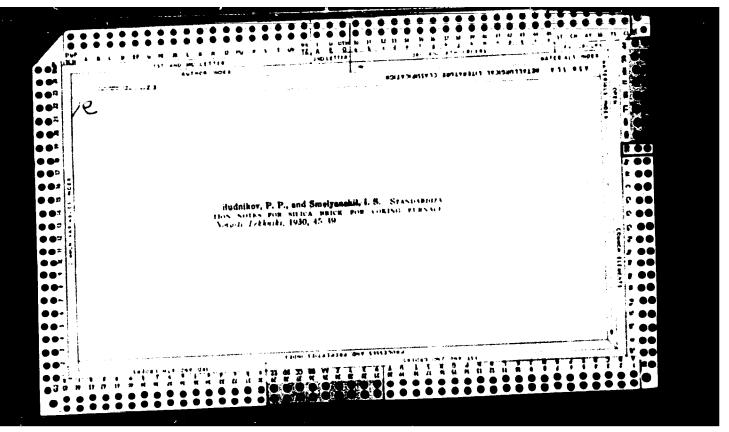
BLIZNYUKOV, Yuriy Nikolayevich; KARAKOZOV, Eduard Arkad'yevich; SM:LYANSKIY, Fedor Andreyevich; SM:ROVA, Ye.I., vedushchiy red.; POLOSINA, A.S., tekhn.red.

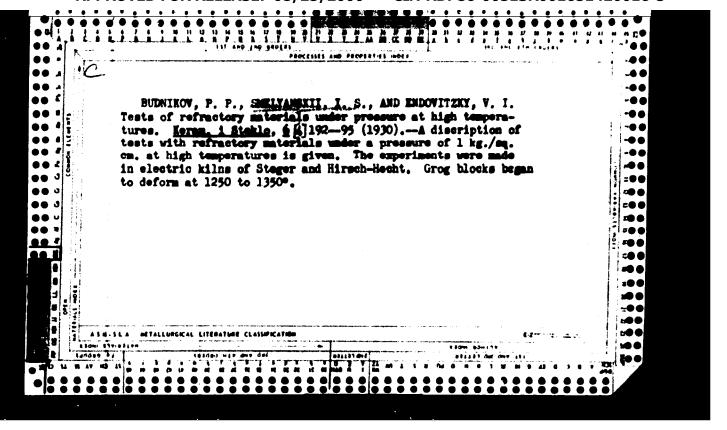
[Introducing new drilling equipment; practice of petroleum workers of the Chechen-Ingush A.S.S.R.] Vnedrenie novoi burovoi tekhniki; opyt neftianikov Checheno-Ingushskoi ASSR.

Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1959. 92 p.

(Chechen-Ingush A.S.S.R.--Oil well drilling--Equipment and supplies)

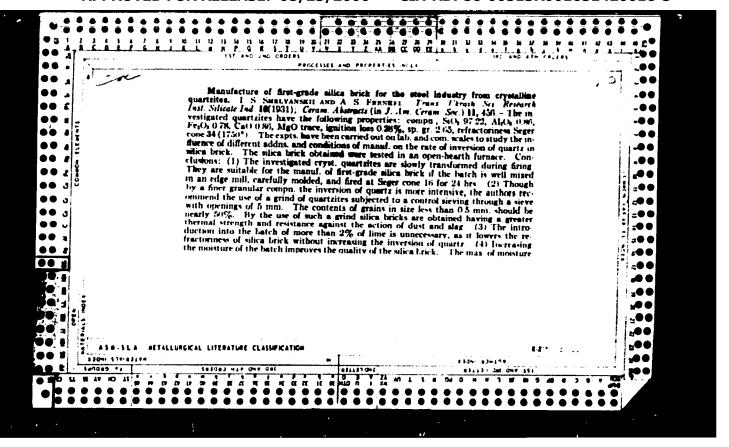


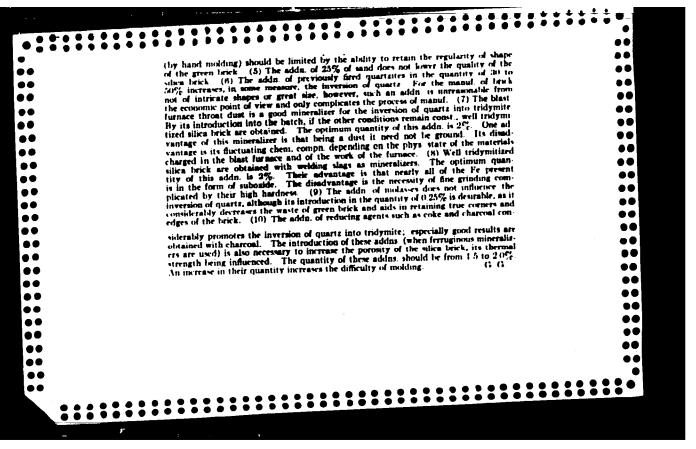


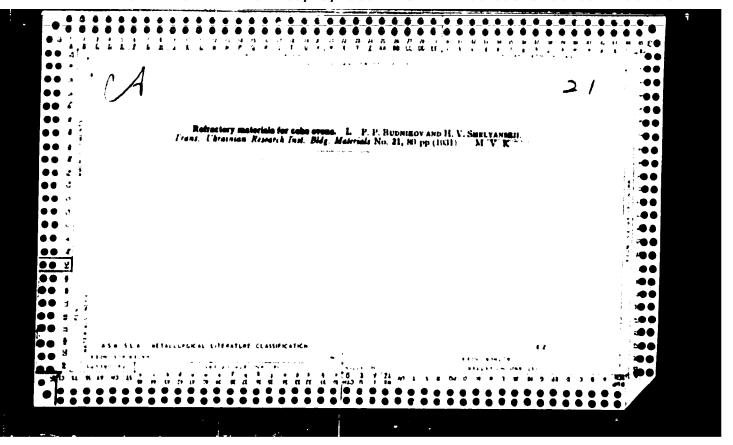


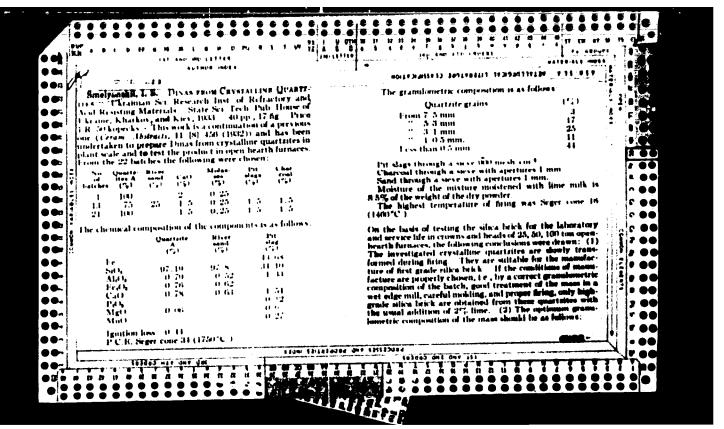
SMELYANEKIT, I. S. The tridymitization of quartz in silica brick in the presence of mineralizers and by partial replacing of quartzites by sand in the batches, for silica brick making. I. I. Budnikov and V. S. Smelyanskii. Trans. Ukrainian Sct. Research Inst. Silicate Ind. (U. S. S. R.) 15, 28(1931); J. Soc. Glass Tech. 17, 314-15A.-The Yasinovato-Avdeyevsky ouartzites investigated have the following av. compn.: Si0299.52%, A103 1.65, Fe203 1.76, CaO 0.74, MgO traces, loss on ignition 0.39. The sp. gr. is 2.645 and m.p. 17500. From 62 batches of these quartzites with different addns. silica bricks have been prepd. Conclusions: (1) The quartzites were of av. quality in comparison with pure cryst. and so-called amorphous quartzites. They were slowly transformed, so that to obtain 1stgrade silica bricks either the burning terp. should be high (1460-70°) maintained for 24-8 hrs., or the quartzites should be mixed with those easy of conversion. (2) of 3 mixts. with different granulometric compns. the most suitable had the following compn.: 10% grains from 5 to 2.5 mm., 40% grains from 2.5 to 1mm., and 50% from 1 mm. to dust. (3) the open-hearth slegs undoubtedly promote the tridymitization of quertz and the obtaining of uniform, dense bricks with true and strong corners and edges (without holes and flaws). These properties are obtained by addn. of 1-3% of open-hearth slags. It is not recommended to introduce into the batch more than 3% of open-hearth slags, as increase above this does not correspondingly increase the tridymitization of quartz. (4) Phosphorites of Isyum are excellent mineralizers, promoting the transformation of quartz into tridymite and the obtaining of a uniform dense body. The optimum quanity of this addn. is 2-3% of the wt. of the dry substances of the batch. (5) Water glass is a more active mineralizer than open-hearth slags and phosphorites, but it gives a less dense body. The optimu quantity is 1%. (6) Mn oxides promote the conversion of quartz into tridymite. (7) Coal ashes of the av. compn. Si0,37.10-49.45, Al203 38.00-

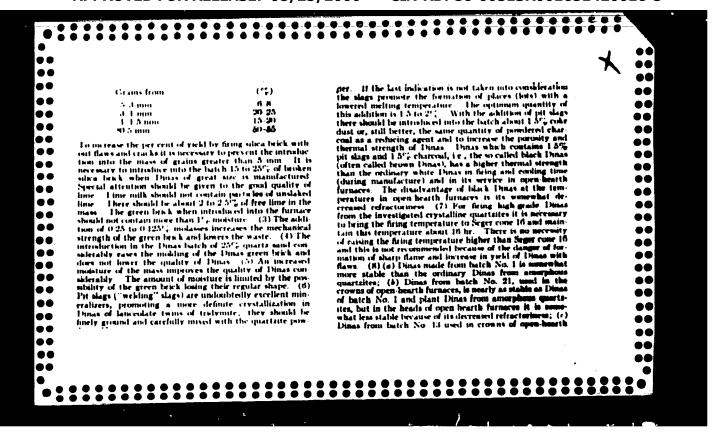
(over)

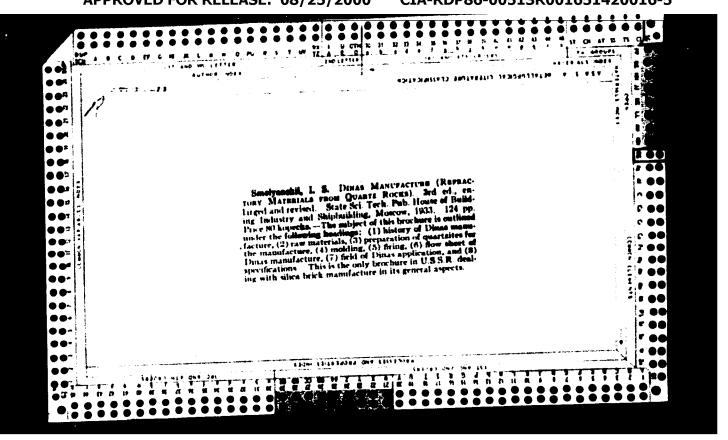


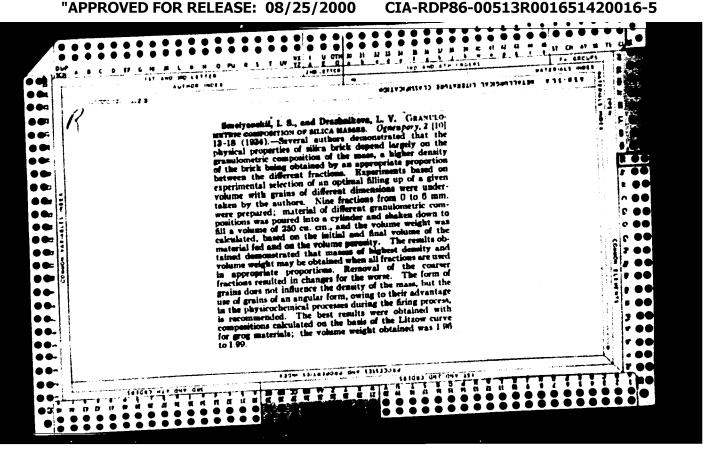


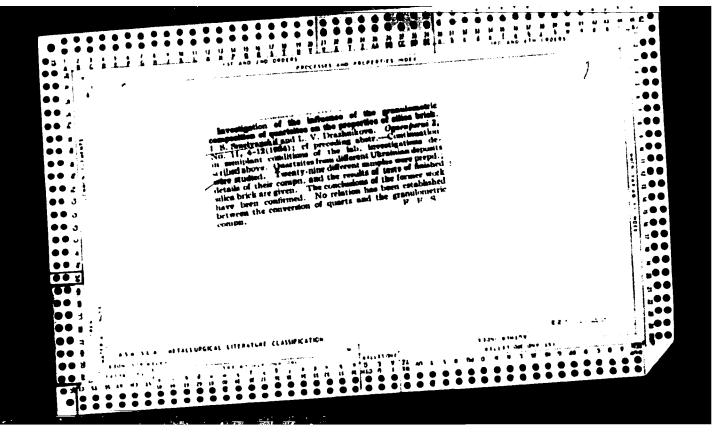


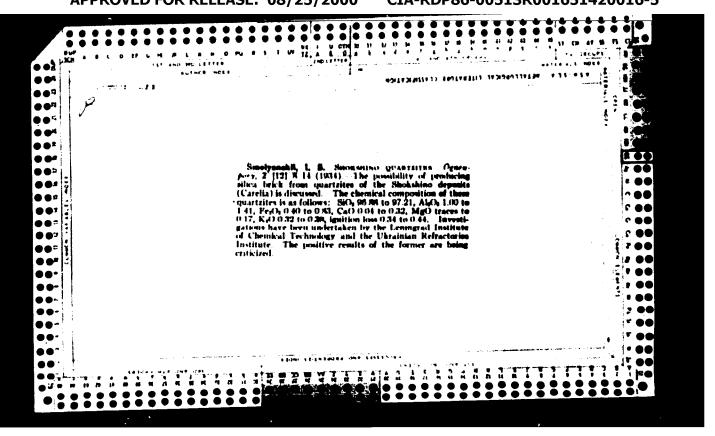


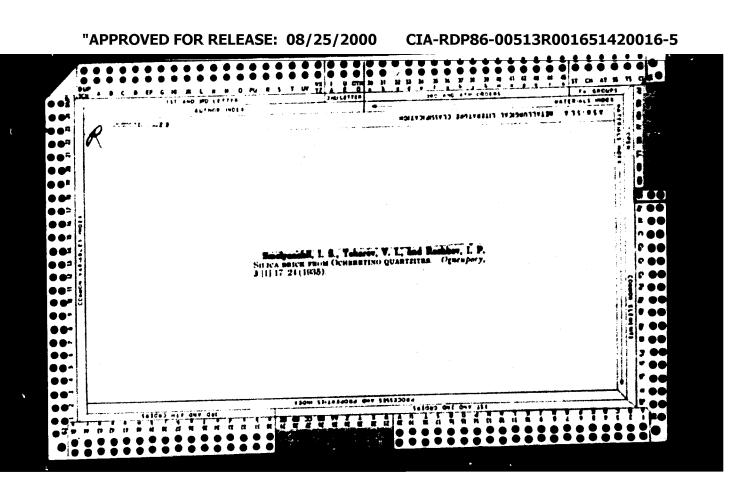


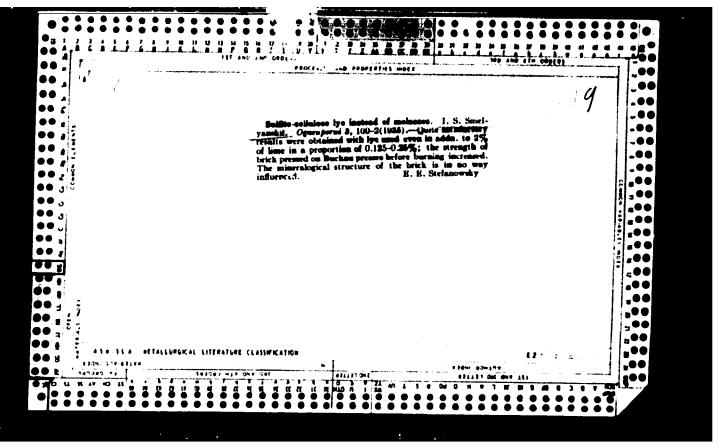


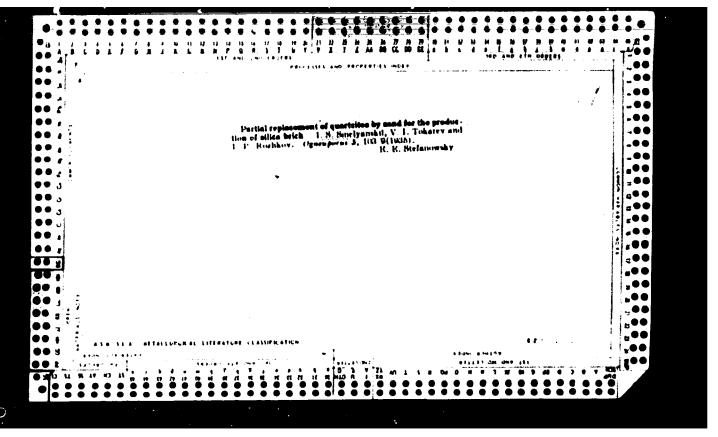


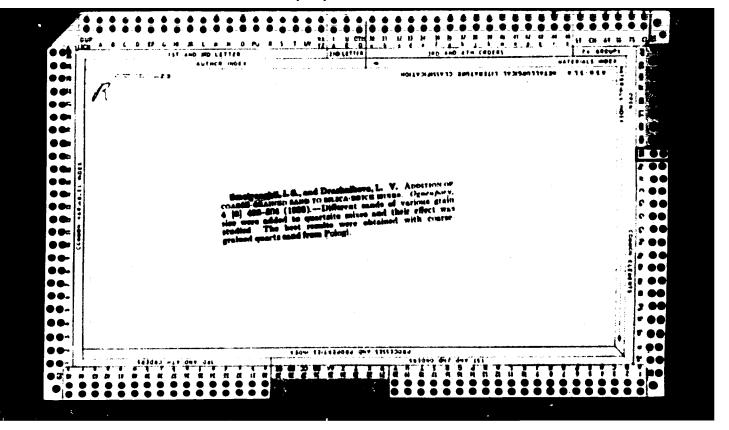


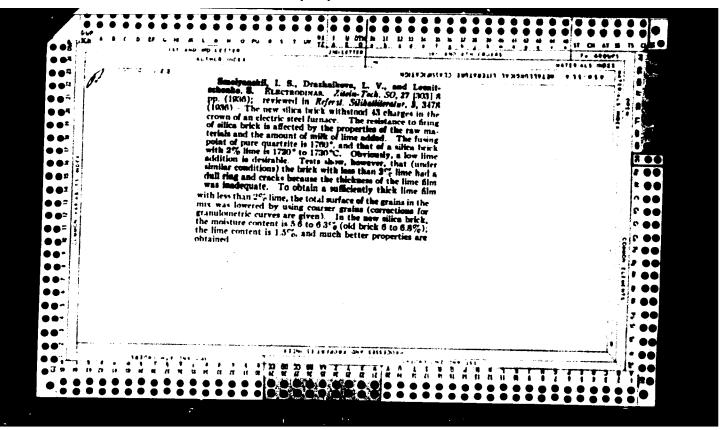


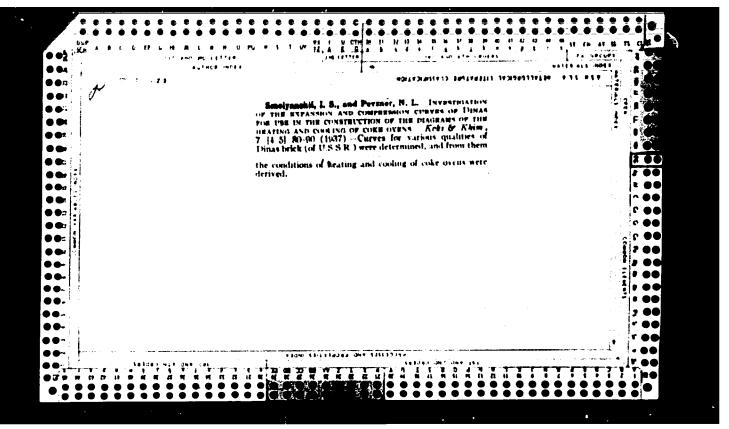


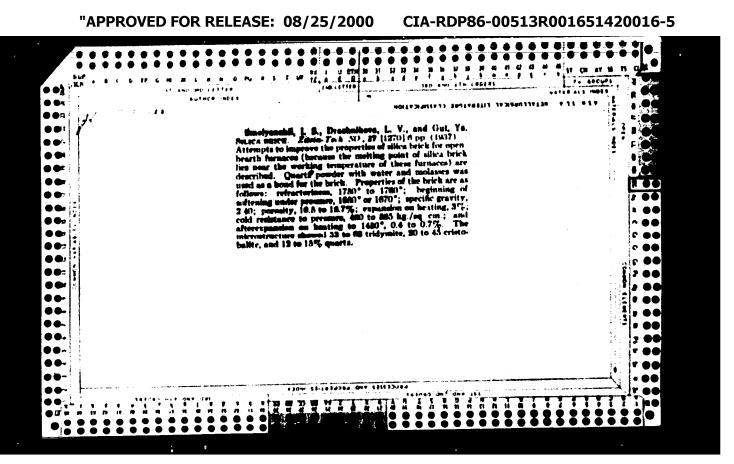


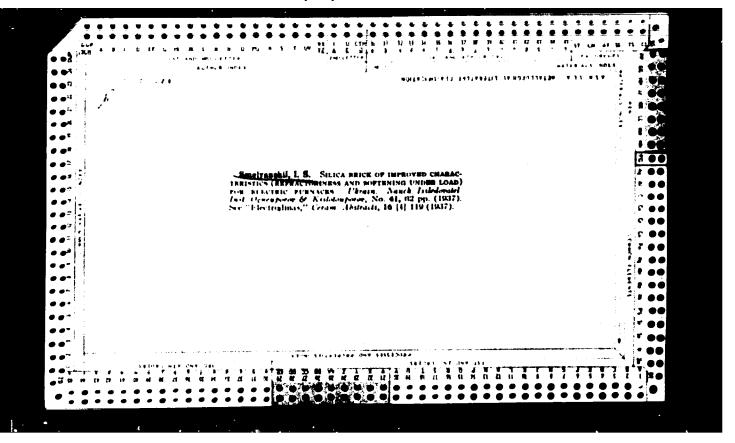


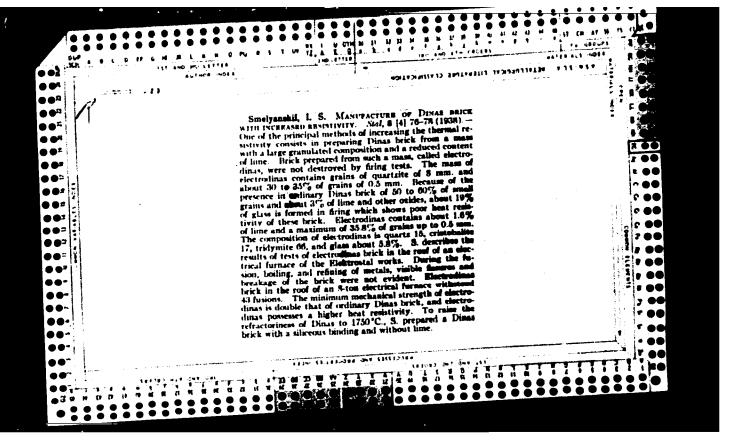


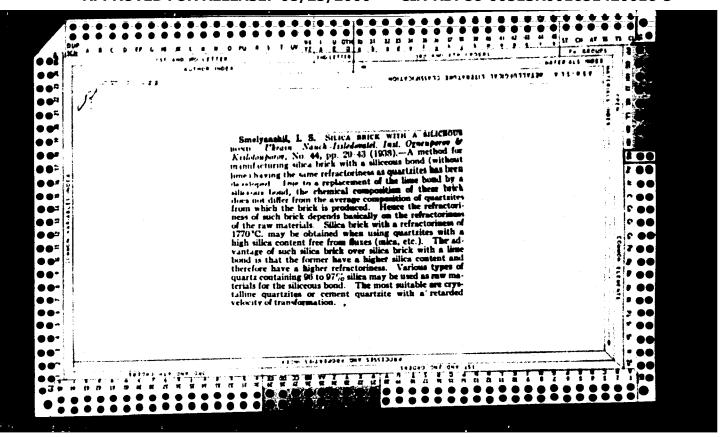


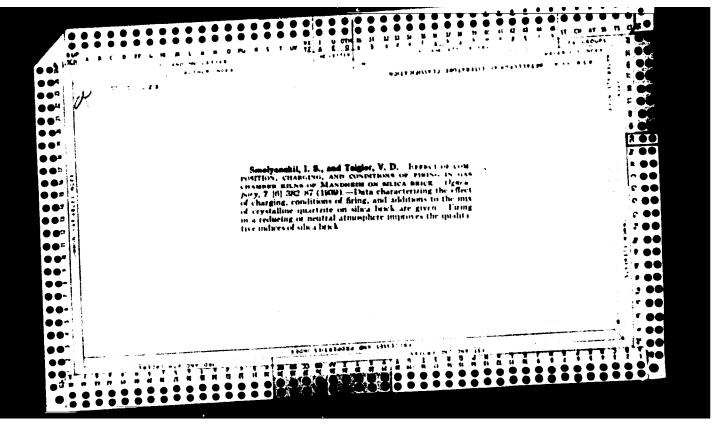


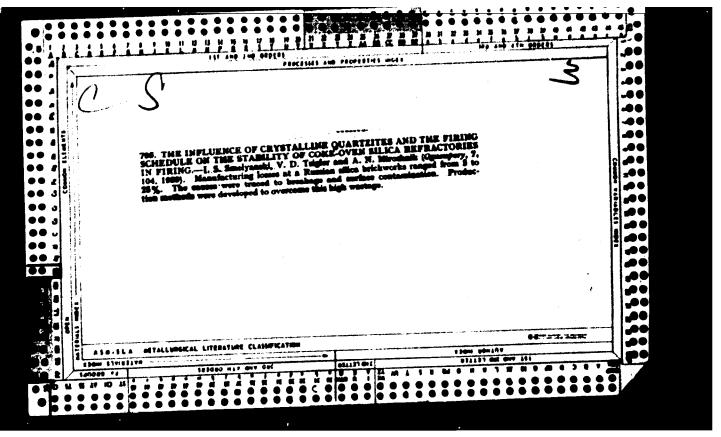


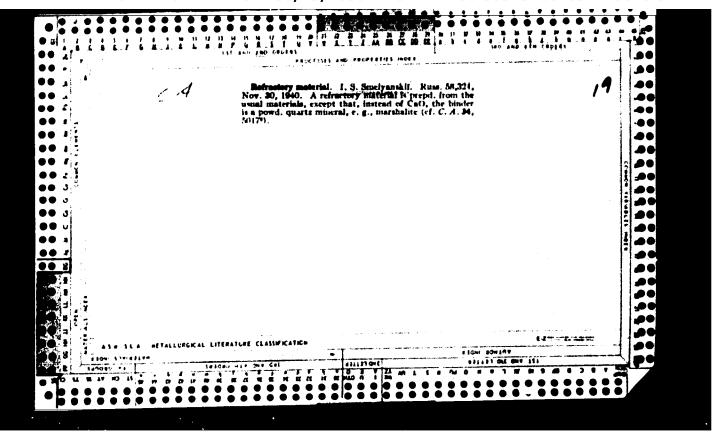


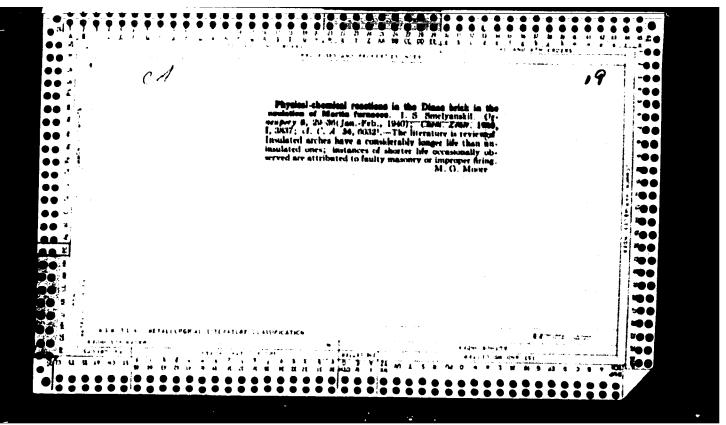


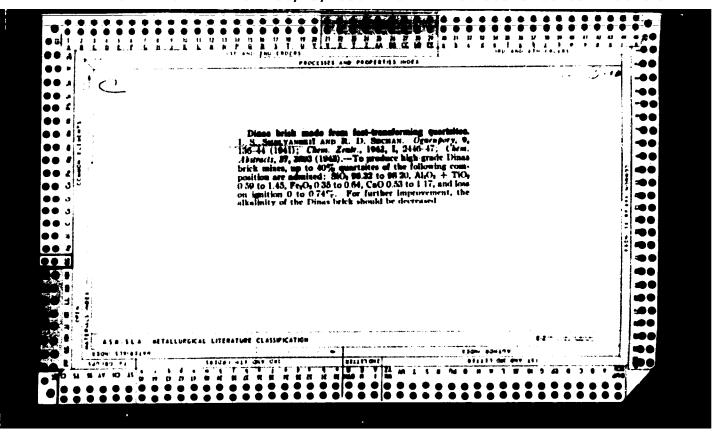


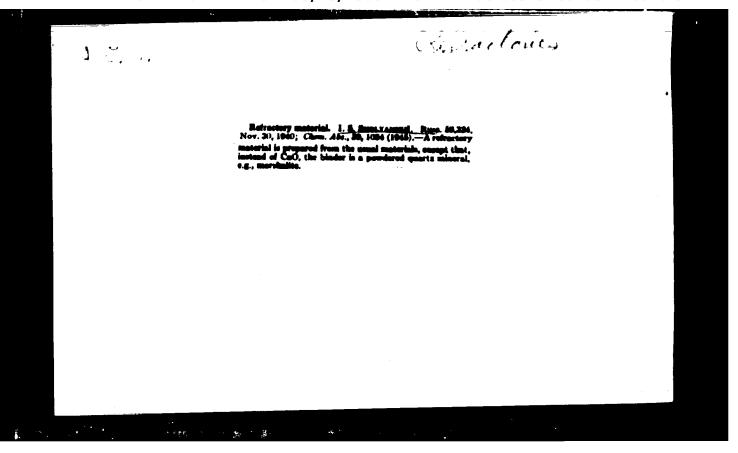








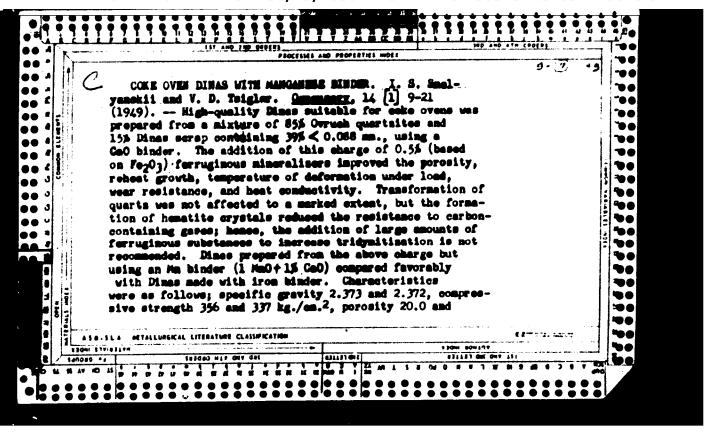




SMELTANSKII, i. s.

Technology of Ceramic Shapes (Tekhnologiya Keramicheskikh Izdelii). P. P. BUDNIKOV, A.S. BEREZHNOI, V.I. PEREVALOV, and I.S. SMELYANSKII. Published by Gosstrolizdat, Moscow, 1946. 524 pp., 208 illustrations. Price 36.25 rubles. Reviewed in Steklo i Keram., 5 (11) 23-24 (1948).-Part I covers raw materials. Technological properties and the scientific basis are presented in the light of modern physicochemical views. Part II covers structural ceramics; Part III, stone-ceramic shapes; and Part IV, refractory shapes. Parts V and VI are limited to glazes and ceramic colors. Numerous errors in the book are pointed out. It is approved as a text for chemical-technological institutes and faculties by the Ministry of Higher Education.

B. I.K



• 、 •• .. •• . •• •• 00 20.25, refractorinese 1710 and 1710 C., temperature of deformation under lead of 2 kg./cm. 2 1656 and 1654 c., .. •• •• reheat growth 0.28 and 0.75%, heat conductivity 1.70 and 1.50 cal./ hr.m. C., wear recistance 0.28 and 0.47 gm./cm.², •• •• •• •• . tridymite content 69.3 and 62.55, cristobalite content 19.0 and 23.55, and querts content 11.6 and 14.05 for Diago •• •• •• with Mm and iron binder, respectively. A still greater degree of tridymitication was obtained from the same charge having 425 < 0.088 mm. and a maximum grain size not over . •• 00 •• •• •• . 3 mm. The properties of Dines with Mm binder were not in-•• . paired by using a charge consisting of 60% Ovruch quartaites, •• •• 25% Prechistor quartaites, and 15% Dines scrap. Most effective ratios of MaDiCaO vary from 1:1 to 1:2; the first ratio is preferred, and absolute assumts should be 15 MaD and 15 •• •• •• CaO. Hikopol Mn ores can be used as the binder. For best results, charges containing 50% or more of Ovruch quartaites .. . should have the following grammlemetric composition: maximum grain size 3 mm., 15 to 20% 0.5 to 0.088 mm., and about •• . •• -40% < 0.000 mm. B.2.K. •• . ••

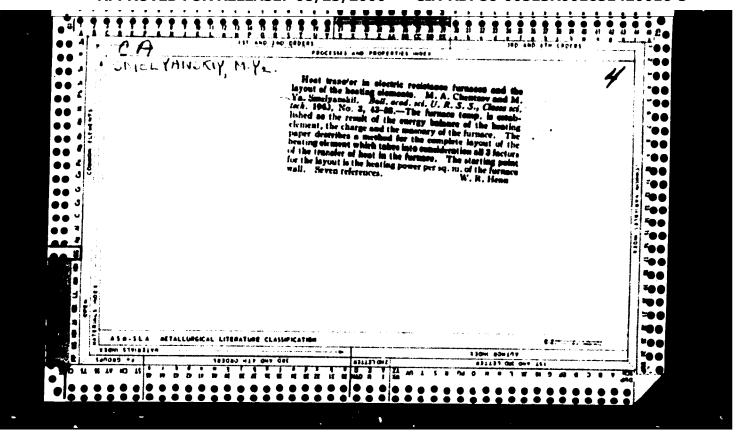
ACS

X

Apparatus for determining the thermal stability of silica brick for cohe ovens. 1. S. KAINABSKII AND 1. S. SMELYANSKII And the consistency of the property of the property of the property of the formation of the

Quartzites from deposits in Ovruch and their preparation.
Ogneupory 21 no.2:59-65 '56. (MIRA 9:7)

1. Enar'kovskiy institut egneuporov.
(Ovruch--Quartzite)



Oct 48

SMELYANSKIY, M. YA.

USSR/Electricity

Electrical Equipment

Testing and Standardization

"Comment on D. B. Mondrus, S. M. Margolin, and V. M. Zil'berman's Article, 'Standardization of High-Frequency Equipment,' G. V. Der-Shvarts, C,nd Tech Sci, Moscow Power Eng Inst imeni Molotov, M. Ya. Smelyanskiy, Engr, Tsentropromelektropech MEP, 3/4 p

"Elektrichestvo " No 10

States views on subject (See 69T27)

PA 22/49T16

SMELYANSKIY, M. Ya., Docent

USSR/Electricity - Furnaces, Electric Oct 51
Modeling

"Electrodynamic Modeling of Electric Heating Equipments," G. V. Dershvarts, Cand Tech Sci, Docent M. Ya. Smelyanskiy, "Tsentropromelektropech'"

"Elektrichestvo" No 10, pp 47-51

Discusses the principles of electrodynamic modeling as applied to the design of elec heating equipments, particularly induction furnaces and current feeders. Submitted 23 Mar 51.

201T44

AID P - 1484

Elektrichestvo, 2, 87-88, F 1955

Pub. 27 - 35/36 Card 2/2

Institution: Chair of Electrothermal Installations of the Moscow Power Engineering Institute im Molotov and "Tsentropromelektropech;"

Submitted : No date